

Z0, SF, ASPCT0, XPP, TRAT, XNP0, QQ, XXI  
 8.0+10, 5.5D+10, 2.0, 0.9, 1.0, 0.6, 8.0, 1.2  
 V0, VPRTB, DT0, DTM, TMAX, ZMAX, CDA, GAMMA  
 0.0, 0.0, 1.0, 2.0, 8000.0, 16000.0, 1.0, 1.17  
 BS0, BSFAC, DAR0, IAR, ZSCL1, ZSCL2, ZPKF, IBSPROF, TFAC, IGRV  
 -0.06, 1.0, 0.2, 1, 1.0, 1.5, 1.5, 3, 0.85, 1  
 CMAX, FTCRNT, FPCRNT, FBTA, NPRNT, IDATA, TMP, TPRM  
 2.1, 1.0, 1.0, 1.0, 1, 1, 2.0D+06, 1.0D+04  
 NPLT, DRGFACT, ZSW1S, ZSW2S, VFMMAG, ICONT, ISC, fprm, Cprm  
 2, 3.0, 7.0, 15.0, 2.48, 0, 1, 0.0, 0.15  
 DP0, PHIA, TC1, TC2, TC3, TSCL1, TSCL2 [(TC2-TC1) >> TSCL1]  
 0.351, 1.79, 87.1, 400.3, 405.3, 47.9, 85.3  
 UPFmax, Fdens, TF1, TF2, TF3, TFmax, FSCL1, FSCL2  
 0.0, 0.0e09, 1.25, 1.5, 1.5, 2.25, 0.25, 0.25  
 TPRM0, TPRMSCL, TSHW1, TSHW2, TSHW3, FMULT1, FMULT2 FMULT3  
 90.0, 150.0, 200.0, 3000.0, 15000.0, 100.0, 0.1d+05, 2.0d+05

XPP=Pin/Pout

TRAT=Tin/Tout

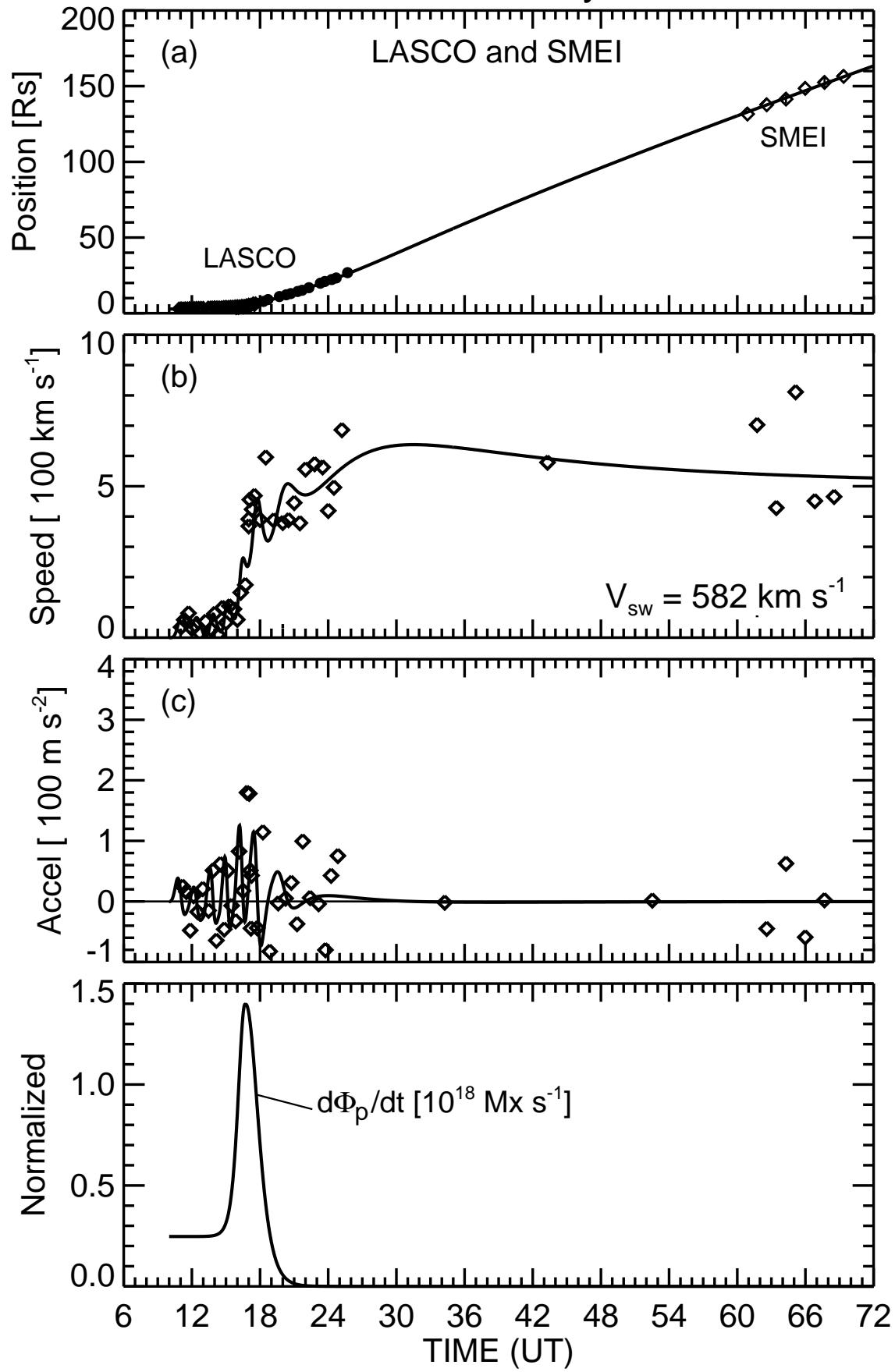
XNN=Nout/Nin

$2^*S_0$ =footpoint separation.  $Z_0=S_0^*DFT$ . ( $DFT < 1 \rightarrow$  flatter than semi-circle)

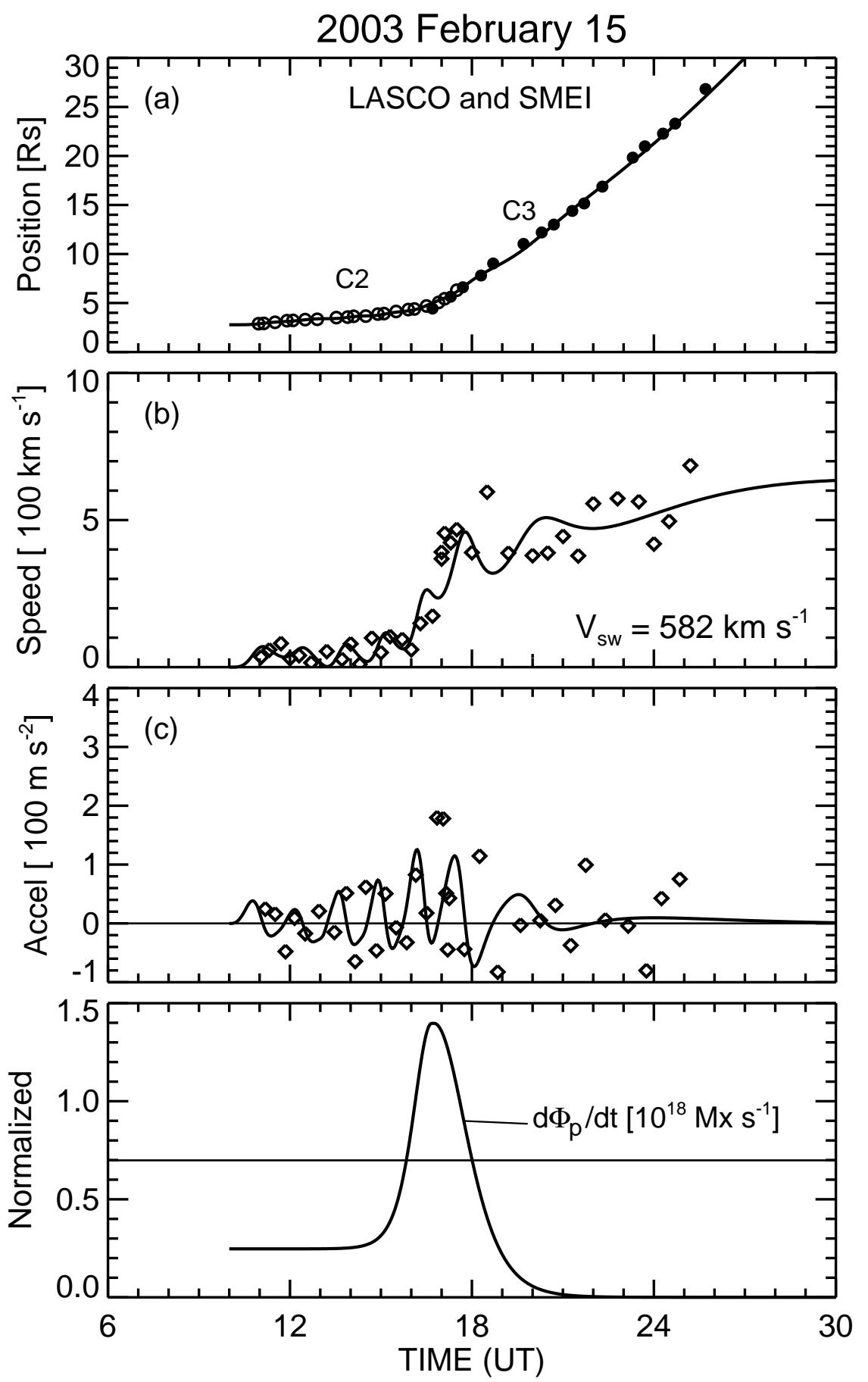
gfit = 0.56  
 tshft = 10.000 min  
 err1 = 0.02% err2 = 0.02% err3 = 0.02%  
 phi = 100.0 deg theta = 10.0 deg

pltc1.ps.002+14

2003 February 15



Sf = 5.5e+05 Z0 = 9.5e+04 D = 0.56 tshft = 10.00 pltc1.ps.002+14

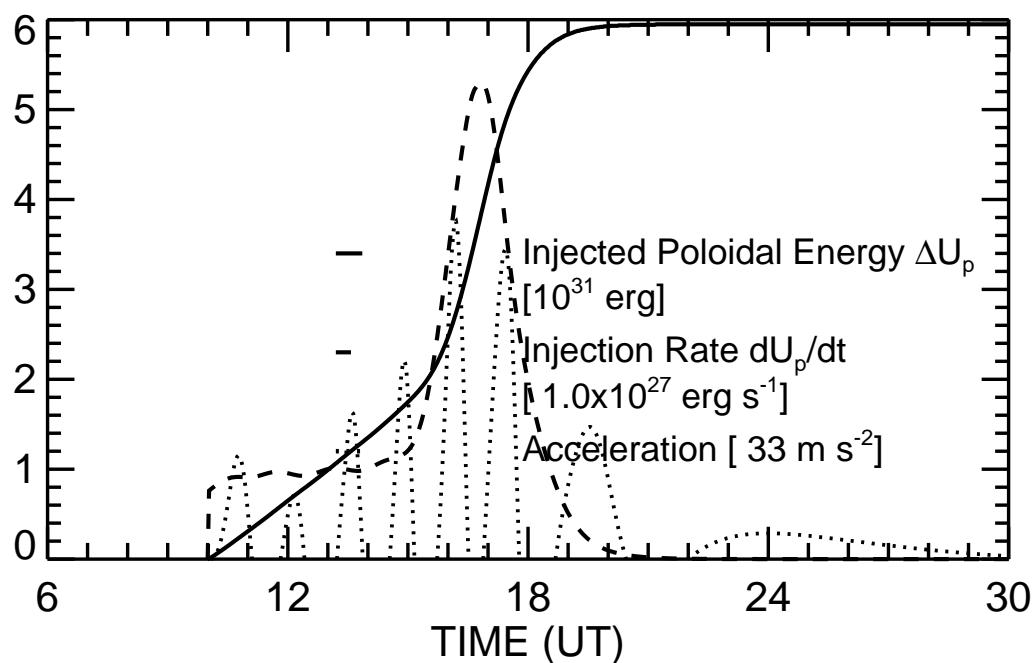


D = 0.56 tshft = 10.000

Sf = 5.5e+05 Z0 = 9.5e+04 R0 = 4.5e+05 a0 = 2.2e+05

Cd = 3.0 err1 = 0.02 Bp = 0.27 G Bt = 0.32 G

pltc1.ps.002+14



$D = 0.56$     $C_d = 3.0$     $tshft = 10.000$

$B_{p0} = 0.27$  G    $B_{t0} = 0.32$  G    $\tau_R = 65.8$  min    $V_A = 1.13e+07$  km/s

$\Phi_{p0} = 1.85e+21$  Mx    $\Phi_{t0} = 4.96e+20$  Mx    $(\Delta\Phi_p) = 1.7 \times 10^{22}$  Mx

$(dU_p/dt) = 5.3 \times 10^{27}$  erg s $^{-1}$    Total mass (initial) =  $1.59e+16$  g

$(\Delta U_p)_{tot} = 5.9 \times 10^{31}$  erg    $U_{p0} = 2.8 \times 10^{30}$  erg

$(d\Phi_p/dt)_{max} = 1.4 \times 10^{18}$  Mx/sec    $(d\Phi_p/dt)_0 = 2.47e+17$  Mx/s

Max Accel = 125 m s $^{-2}$

$V_{sw} = 582$  km/s   EField\_max = EFM\_max / Sf = 0.25 V cm $^{-1}$